

**ABSTRACT OF THE DISCLOSURE**

A malfunction management method and apparatus for monitoring the levels of D.C. voltage supply signals from power supplies used to power associated traffic control equipment. A D.C. voltage from each power supply is  
5 checked against a reference threshold value in the malfunction management unit. If either voltage drops below the threshold value for a minimum time period, a fault signal is generated and the operation of the traffic control equipment is overridden. The threshold value used to test the D.C. voltage levels is selectable between the same level for all inputs or different levels for different inputs.